

Application Serial No. 09/720,762

Attorney Docket No. 114174.00014

Amendment and Response to Office Action, Submitted June 30, 2006

AMENDMENTS TO THE CLAIMS

Please amend the claims as follows.

Claim 1 (currently amended): A gasket for a pre-filled syringe, the syringe comprising a barrel into which liquid is charged,

wherein a peripheral side surface of the gasket that contacts an inner surface of the syringe barrel is provided with a restriction, and wherein a periphery of a bottom surface of the gasket that is not for contact with the liquid is formed into a tapered slant, and wherein only the peripheral side surface that contacts the inner surface of the syringe barrel is laminated with polyethylene fluoride resin, ~~and wherein the restriction is not laminated.~~

Claim 2 (canceled)

Claim 3 (previously presented): The gasket according to claim 1, wherein the tapered slant is defined by a first diameter extending to the peripheral side surface that contacts the inner surface of the syringe barrel, and a second diameter of a peripheral side surface of the gasket that is not for contact with the inner surface of the syringe barrel, wherein the first diameter and the second diameter differ by between about 0.5 mm and about 5 mm.

Claim 4 (canceled)

Claim 5 (canceled)

Claim 6 (previously presented): The gasket according to claim 1, wherein the gasket has a diameter between peripheral side surfaces that contact the inner surface of the syringe barrel of between about 30 mm and about 35 mm.

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Claim 7 (previously presented): The gasket according to claim 1, wherein the gasket has a height of between 15 mm and about 18 mm.

Claim 8 (previously presented): The gasket according to claim 3, wherein the first diameter and the second diameter differ by between about 1 mm and about 3 mm.

Claim 9 (currently amended): A gasket for a pre-filled syringe, the syringe comprising a barrel into which liquid is charged,

wherein a peripheral side surface of the gasket that contacts an inner surface of the syringe barrel is provided with a restriction, and wherein the peripheral side surface that contacts the inner surface of the syringe barrel is laminated with polyethylene fluoride resin, ~~and wherein the restriction is not laminated~~, and wherein a periphery of a bottom surface of the gasket that is not for contact with the liquid is formed into a first tapered slant, and a second tapered slant is formed between the peripheral side surface of the gasket that contacts the inner surface of the syringe barrel and the restriction.

Claim 10 (cancelled).

Claim 11 (previously presented): The gasket according to claim 1, wherein the pre-filled syringe further comprises a luer lock portion formed in a nozzle of the syringe at an end of the syringe barrel opposite the gasket.

Claim 12 (cancelled).

Claim 13 (previously presented): The gasket according to claim 9, wherein the pre-filled syringe further comprises a luer lock portion formed in a nozzle of the syringe at an end of the syringe barrel opposite the gasket.

Claim 14 (previously presented): The gasket according to claim 1, wherein the gasket is made integrally of a material with JIS hardness of 55 to 60.

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Claim 15 (previously presented): The gasket according to claim 9, wherein the gasket is made integrally of a material with JIS hardness of 55 to 60.

Claim 16 (currently amended): The gasket according to claim 1, wherein a ~~bottom surface of the gasket that is for contact with the liquid is laminated with polyethylene fluoride resin~~ second tapered slant is formed between the peripheral side surface of the gasket that contacts the inner surface of the syringe barrel and the restriction.

Claim 17 (previously presented): The gasket according to claim 9, wherein a bottom surface of the gasket that is for contact with the liquid is laminated with polyethylene fluoride resin.

Claim 18 (new): The gasket according to claim 9, wherein only the peripheral side surface that contacts the inner surface of the syringe barrel is laminated with polyethylene fluoride resin.

Claim 19 (new): The gasket according to claim 9, wherein the first tapered slant is defined by a first diameter extending to the peripheral side surface that contacts the inner surface of the syringe barrel, and a second diameter of a peripheral side surface of the gasket that is not for contact with the inner surface of the syringe barrel, wherein the first diameter and the second diameter differ by between about 0.5 mm and about 5 mm.

Claim 20 (new): The gasket according to claim 9, wherein the gasket has a diameter between peripheral side surfaces that contact the inner surface of the syringe barrel of between about 30 mm and about 35 mm.

Claim 21 (new): The gasket according to claim 9, wherein the gasket has a height of between 15 mm and about 18 mm.

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Claim 22 (new): The gasket according to claim 19, wherein the first diameter and the second diameter differ by between about 1 mm and about 3 mm.

Claim 23 (new): A gasket for a pre-filled syringe, the syringe comprising a barrel into which liquid is charged,

wherein a peripheral side surface of the gasket that contacts an inner surface of the syringe barrel is provided with a restriction, and wherein a periphery of a bottom surface of the gasket that is not for contact with the liquid is formed into a tapered slant, and wherein the peripheral side surface that contacts the inner surface of the syringe barrel is laminated with polyethylene fluoride resin.

Claim 24 (new): The gasket according to claim 23, wherein the tapered slant is defined by a first diameter extending to the peripheral side surface that contacts the inner surface of the syringe barrel, and a second diameter of a peripheral side surface of the gasket that is not for contact with the inner surface of the syringe barrel, wherein the first diameter and the second diameter differ by between about 0.5 mm and about 5 mm.

Claim 25 (new): The gasket according to claim 23, wherein the gasket has a diameter between peripheral side surfaces that contact the inner surface of the syringe barrel of between about 30 mm and about 35 mm.

Claim 26 (new): The gasket according to claim 23, wherein the gasket has a height of between 15 mm and about 18 mm.

Claim 27 (new): The gasket according to claim 24, wherein the first diameter and the second diameter differ by between about 1 mm and about 3 mm.

Claim 28 (new): The gasket according to claim 23, wherein the gasket is made integrally of a material with JIS hardness of 55 to 60.

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Claim 29 (new): The gasket according to claim 23, wherein the pre-filled syringe further comprises a luer lock portion formed in a nozzle of the syringe at an end of the syringe barrel opposite the gasket.

Claim 30 (new): The gasket according to claim 23, wherein a second tapered slant is formed between the peripheral side surface of the gasket that contacts the inner surface of the syringe barrel and the restriction.

Claim 31 (new): The gasket according to claim 23, wherein a bottom surface of the gasket that is for contact with the liquid is laminated with polyethylene fluoride resin.

Claim 32 (new): The gasket according to claim 23, wherein only the peripheral side surface that contacts the inner surface of the syringe barrel is laminated with polyethylene fluoride resin.

Claim 33 (new): A gasket for a pre-filled syringe, the syringe comprising a barrel into which liquid is charged,

wherein a peripheral side surface of the gasket that contacts an inner surface of the syringe barrel is provided with a restriction, and wherein a periphery of a bottom surface of the gasket that is not for contact with the liquid is formed into a tapered slant, and wherein the peripheral side surface that contacts the inner surface of the syringe barrel is laminated with silicon.

Claim 34 (new): The gasket according to claim 33, wherein the tapered slant is defined by a first diameter extending to the peripheral side surface that contacts the inner surface of the syringe barrel, and a second diameter of a peripheral side surface of the gasket that is not for contact with the inner surface of the syringe barrel, wherein the first diameter and the second diameter differ by between about 0.5 mm and about 5 mm.

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Claim 35 (new): The gasket according to claim 33, wherein the gasket has a diameter between peripheral side surfaces that contact the inner surface of the syringe barrel of between about 30 mm and about 35 mm.

Claim 36 (new): The gasket according to claim 33, wherein the gasket has a height of between 15 mm and about 18 mm.

Claim 37 (new): The gasket according to claim 34, wherein the first diameter and the second diameter differ by between about 1 mm and about 3 mm.

Claim 38 (new): The gasket according to claim 33, wherein the gasket is made integrally of a material with JIS hardness of 55 to 60.

Claim 39 (new): The gasket according to claim 33, wherein the pre-filled syringe further comprises a luer lock portion formed in a nozzle of the syringe at an end of the syringe barrel opposite the gasket.

Claim 40 (new): The gasket according to claim 33, wherein a second tapered slant is formed between the peripheral side surface of the gasket that contacts the inner surface of the syringe barrel and the restriction.

Claim 41 (new): The gasket according to claim 33, wherein only the peripheral side surface that contacts the inner surface of the syringe barrel is laminated with silicon.